

Title (en)
Bifurcated foam pump assembly

Title (de)
Gabelförmige Schaumpumpenanordnung

Title (fr)
Ensemble de pompe de mousse bifurquée

Publication
EP 2374386 A2 20111012 (EN)

Application
EP 11172819 A 20090205

Priority
• EP 09152143 A 20090205
• US 6932108 A 20080208

Abstract (en)
A bifurcated foam pump assembly for use in foam dispensers. A liquid dispensing portion of the foam pump assembly is attached to and disposable/replaceable with a liquid cartridge for the dispenser. The air compressor or air pump portion of the foam pump assembly comprises a portion of the dispenser itself and is attached to the dispenser housing. Upon replacement of a cartridge, the two portions mate and are operative as a foam pump generator. The liquid portion of the foam pump is received within a liquid chamber by gravity, and is subsequently driven from that chamber by air from the air compressor, which drives both the air and liquid through a foam generating member, such as a sponge or mesh. This foam generating member is a part of the liquid portion of the pump, and is replaced with the cartridge.

IPC 8 full level
A47K 5/16 (2006.01); **B67D 7/76** (2010.01); **B05B 11/00** (2006.01)

CPC (source: EP KR US)
A47K 5/12 (2013.01 - KR); **A47K 5/16** (2013.01 - EP US); **B05B 11/00** (2013.01 - KR); **B65D 47/00** (2013.01 - KR); **B65D 83/00** (2013.01 - KR)

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